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Fig. 2

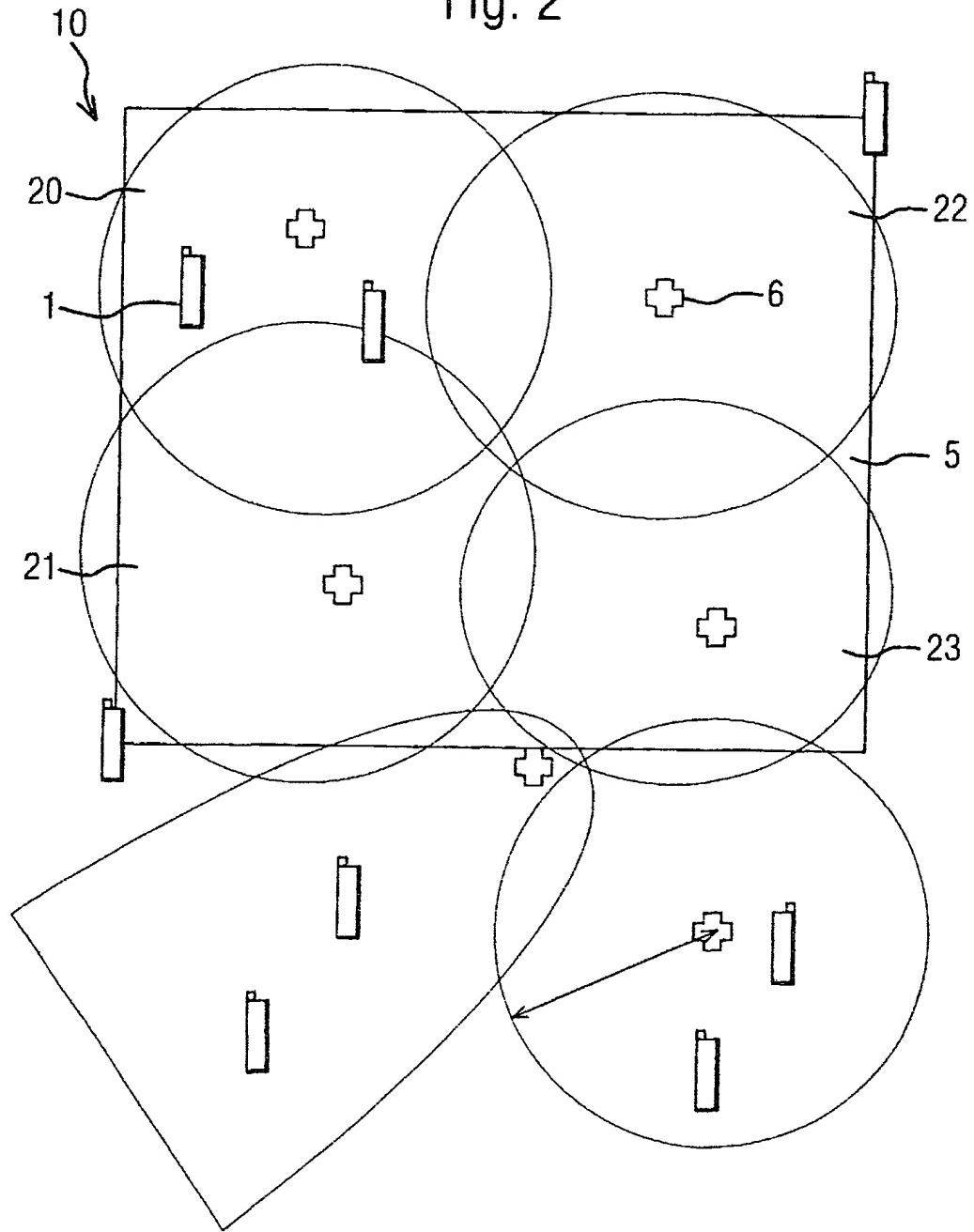
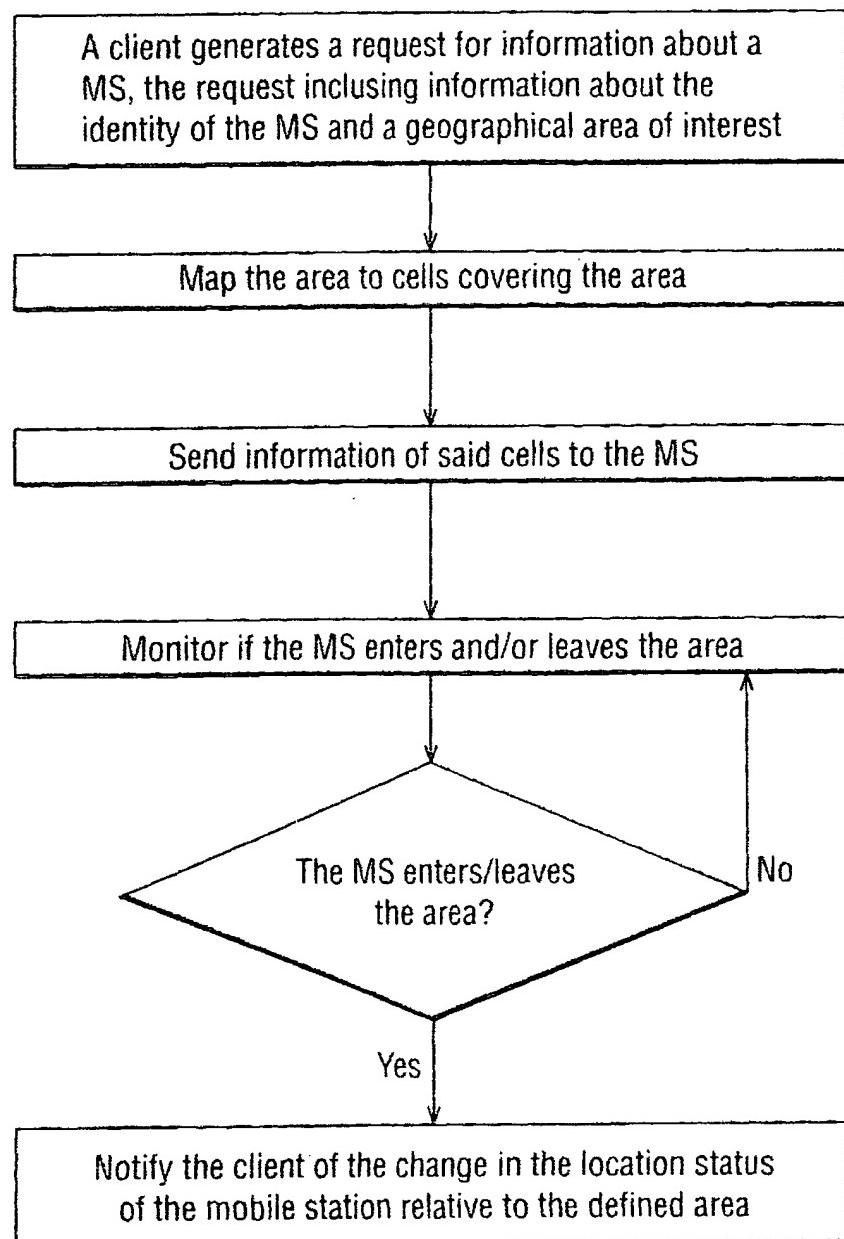


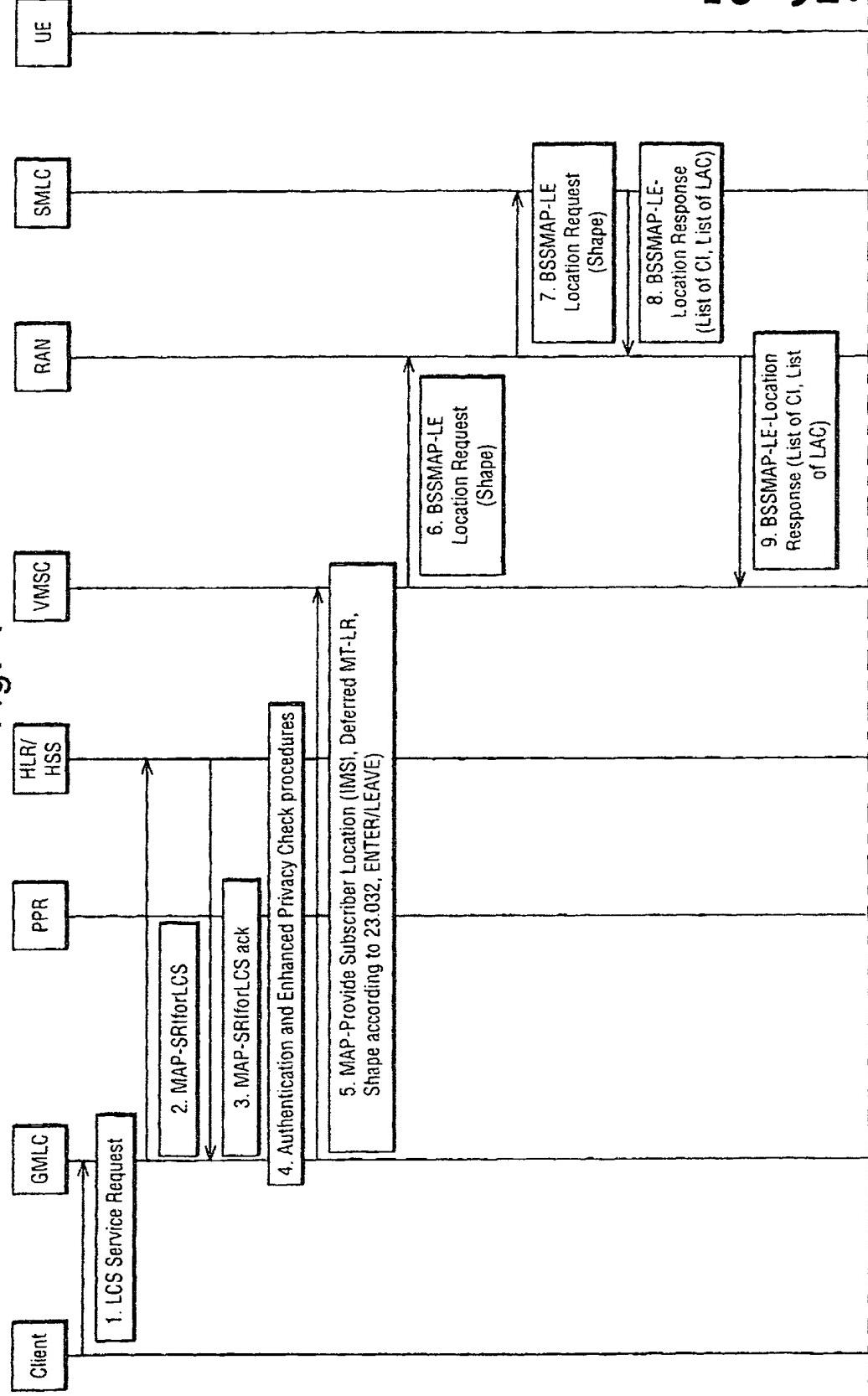
Fig. 3



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Fig. 4



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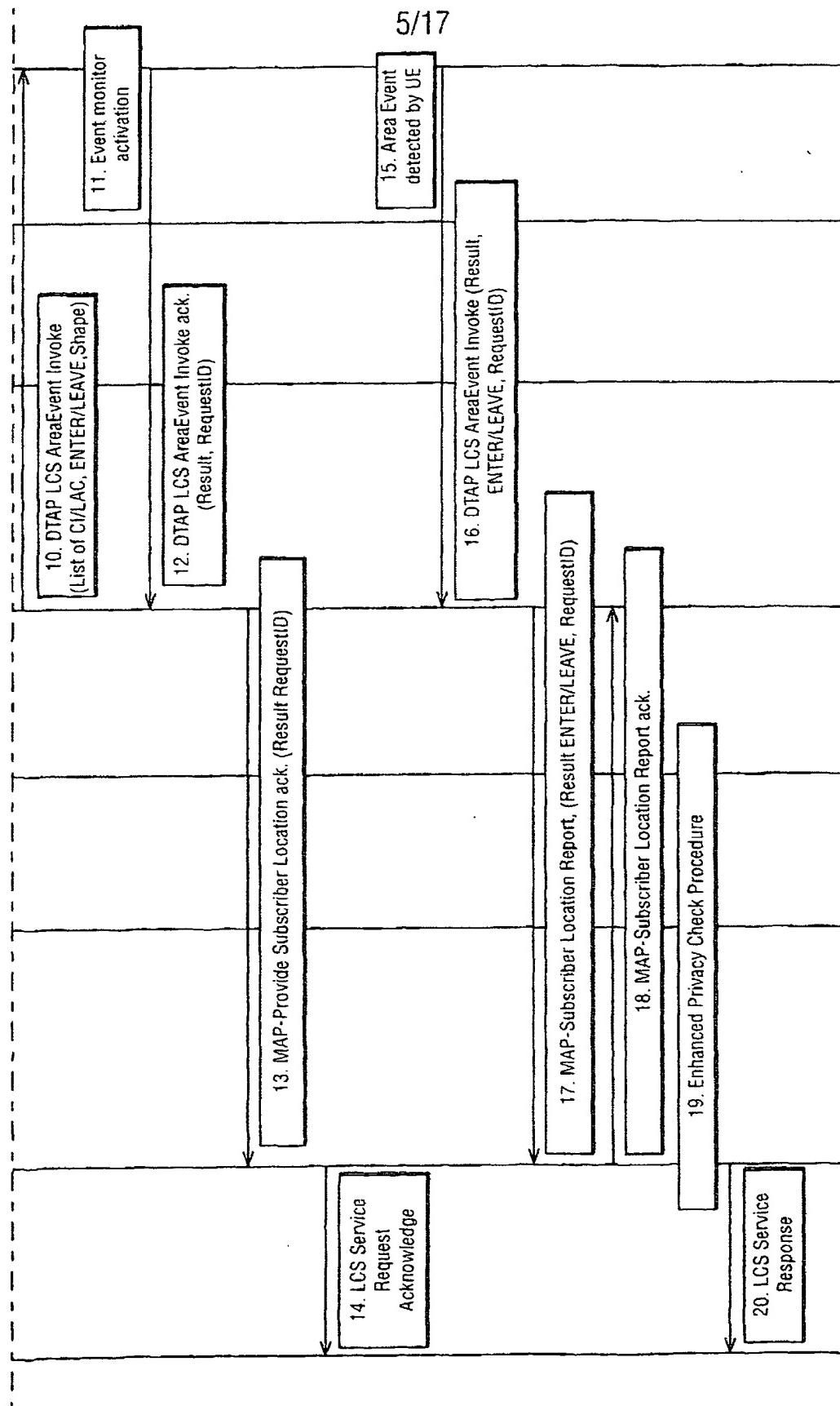


Fig. 4 (Contd.)

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Fig. 5

<b>ProvideSubscriberLocation-Arg ::= SEQUENCE {</b>		
locationType	LocationType,	
mIc-Number	ISDN-AddressString,	
lcs-ClientID	[0] LCS-ClientID	OPTIONAL,
privacyOverride	[1] NULL	OPTIONAL,
imsi	[2] IMSI	OPTIONAL,
msisdn	[3] ISDN-AddressString	OPTIONAL,
lmsi	[4] LMSI	OPTIONAL,
imei	[5] IMEI	OPTIONAL,
lcs-Priority	[6] LCS-Priority	OPTIONAL,
lcs-QoS	[7] LCS-QoS	OPTIONAL,
extensionContainer	[8] ExtensionContainer	OPTIONAL,
...,		
supportedGADShapes	[9] SupportedGADShapes	OPTIONAL,
lcsServiceTypeID	[10]LCSServiceTypeID	OPTIONAL,
lcsCodeword	[11]LCSCodeword	OPTIONAL,
lcsTriggerArea	[12]Ext-Geographical Information	OPTIONAL,
requestID	[13]RequestID	OPTIONAL }
<b>DeferredLocationEventType ::= BIT STRING {</b>		
msAvailable	(0),	
areaEventEnter	(1),	
areaEventLeave	(2) } (SIZE (1..16))	

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FIG. 6

Information element	Type/Reference	Presence	Format	Length in octets
Message type	Message type	M	V	1
Location Type	Location Type	M	TLV	3-4
Cell Identifier	Cell Identifier	0	TLV	3-10
Classmark information Type 3	Classmark information Type 3	0	TLV	2-n
LCS Client Type	LCS Client Type	C	TLV	3
Chosen Channel	Chosen Channel	0	TLV	2-n
LCS Priority	LCS Priority	0	TLV	3
LCS QoS	LCS QoS	0	TLV	6
Requested GPS Assistance Data	Requested GPS Assistance Data	0	TLV	3-n
BSSLAP APDU	APDU	0	TLV	2-n
LCS Capability	LCS Capability	0	TLV	3-n
Packet Measurement Report	Packet Measurement Report	0	TLV	2-n
Measured Cell Identity List	Cell Identity List	0	TLV	6-n
Shape	Shape	C	???	???

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Fig. 7

	8	7	6	5	4	3	2	1
Octet 1	[EI]							
Octet 2	Length indicator							
Octet 3	Location Information							
Octet 4	Positioning Method							

Fig. 8

Information element	Type/Reference	Presence	Format	Length in octets
Message type	Message Type	M	V	1
Location Estimate	Geographic Location	C	TLV	2-22
Positioning Data	Positioning Data	O	TLV	2-n
Deciphering Keys	Deciphering Keys	O	TLV	17
LCS Cause	LCS Cause	O	TLV	3
CGIList	List of CGIs	C	???	???
LACList	List of LACs	O	???	???

**Fig. 9****Network****REGISTER****MS**

```

Facility (Invoke = LCS-AreaEventInvoke (listOfCGIs, listOfLAC, GADShape, areaEventIndication,
userNotification, stopTime, mlc-Number, cancelAreaBasedTrigger))

```

**RELEASE COMPLETE**

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```

Facility (Return result = LCS-AreaEventInvoke (AreaEventResponse, requestID, mlc-Number))

```

**RELEASE COMPLETE**

```

Facility (Return error (Error))

```

**RELEASE COMPLETE**

```

Facility (Reject (Invoke_problem))

```

**RELEASE COMPLETE**

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Fig. 10

<b>ProvideSubscriberLocation-Res ::= SEQUENCE {</b>		
locationEstimate	Ext-GeographicalInformation,	
ageOfLocationEstimate	[0] AgeOfLocationInformation	OPTIONAL,
extensionContainer	[1] ExtensionContainer	OPTIONAL,
...		
add-LocationEstimate	[2] Add-GeographicalInformation	OPTIONAL,
deferredmt-IrResponseIndicator	[3] NULL	OPTIONAL,
requestID	[4] RequestID	OPTIONAL,
areaEventResult	[5] AreaEventResult	OPTIONAL }
<b>AreaEventResult ::= ENUMERATED {</b>		
registeredWaiting	(0),	
triggerSatisfied	(1),	
maxNumberReached	(2),	
rejectedME	(3),	
rejectedUser	(4),	
...	}	

**Fig. 11**MS  
REGISTER

Network

FACILITY

Facility (Invoke = LCS- AreaEventReport (requestID, milc-Number, areaEventIndication))

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Facility (Return result = LCS-AreaEventReport (result))

RELEASE COMPLETE

Facility (Return error (Error))

RELEASE COMPLETE

Facility (Reject (Invoke\_problem))

RELEASE COMPLETE

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Fig. 12

**SubscriberLocationReport-Arg ::= SEQUENCE {**

Ics-Event	LCS-Event,	
Ics-ClientID	LCS-ClientID,	
icsLocationInfo	LCSLocationInfo,	
msisdn	[0] ISDN-AddressString	OPTIONAL,
imsi	[1] IMSI	OPTIONAL,
imei	[2] IMEI	OPTIONAL,
na-ESRD	[3] ISDN-AddressString	OPTIONAL,
na-ESRK	[4] ISDN-AddressString	OPTIONAL,
locationEstimate	[5] Ext-GeographicalInformation	OPTIONAL,
ageOfLocationEstimate	[6] AgeOfLocationInformation	OPTIONAL,
extensionContainer	[7] ExtensionContainer	OPTIONAL,
...		
add-LocationEstimate	[8] Add-GeographicalInformation	OPTIONAL,
deferredmt-IrData	[9] Deferredmt-IrData	OPTIONAL,
requestID	[10] RequestID	OPTIONAL }

**LCS-Event ::= ENUMERATED {**

emergencyCallOrigination (0),

emergencyCallRelease (1),

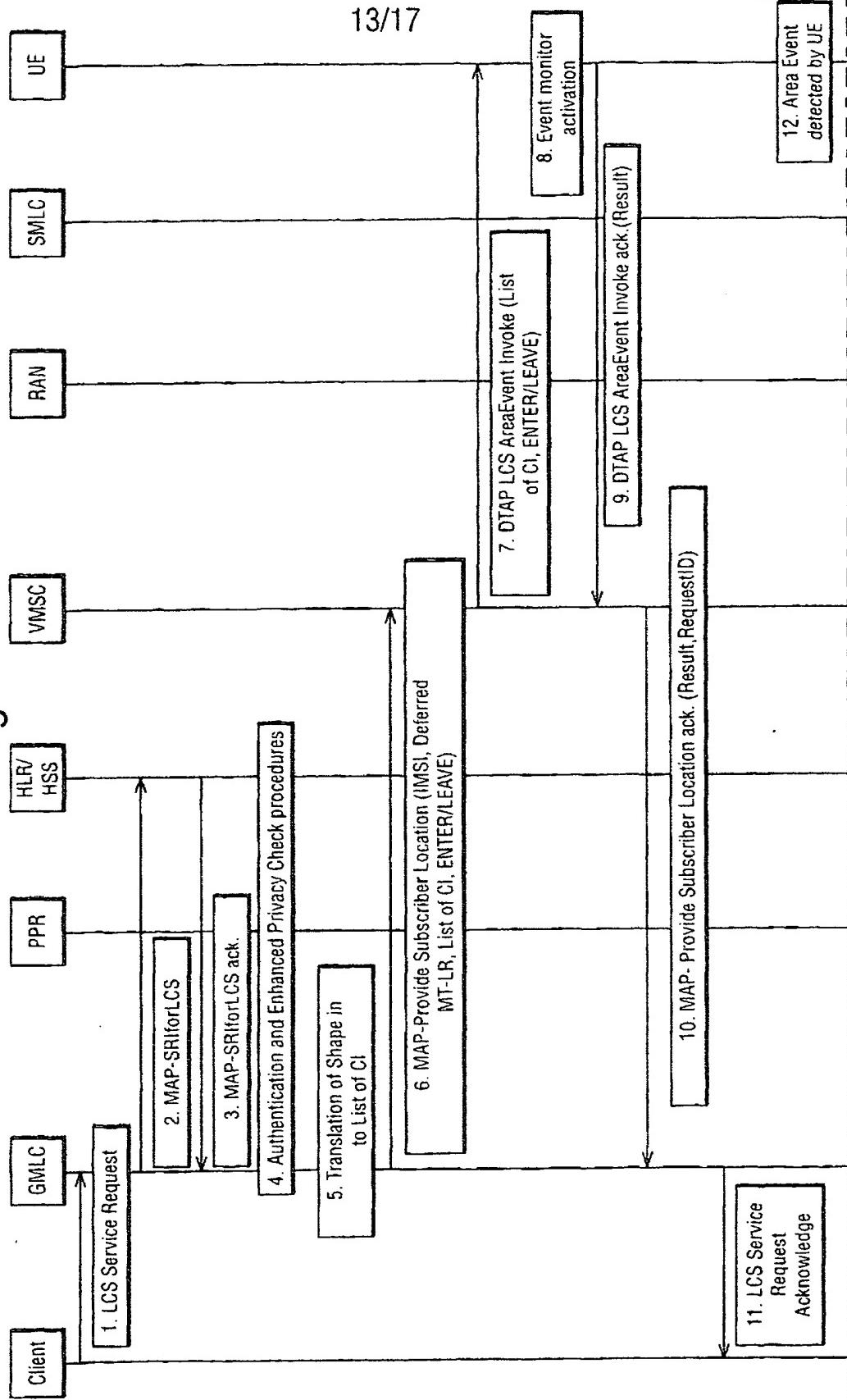
mo-Ir (2),

...

deferredmt-IrResponse (3), areaEventEnter (4), areaEventLeave (5) }

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Fig. 13



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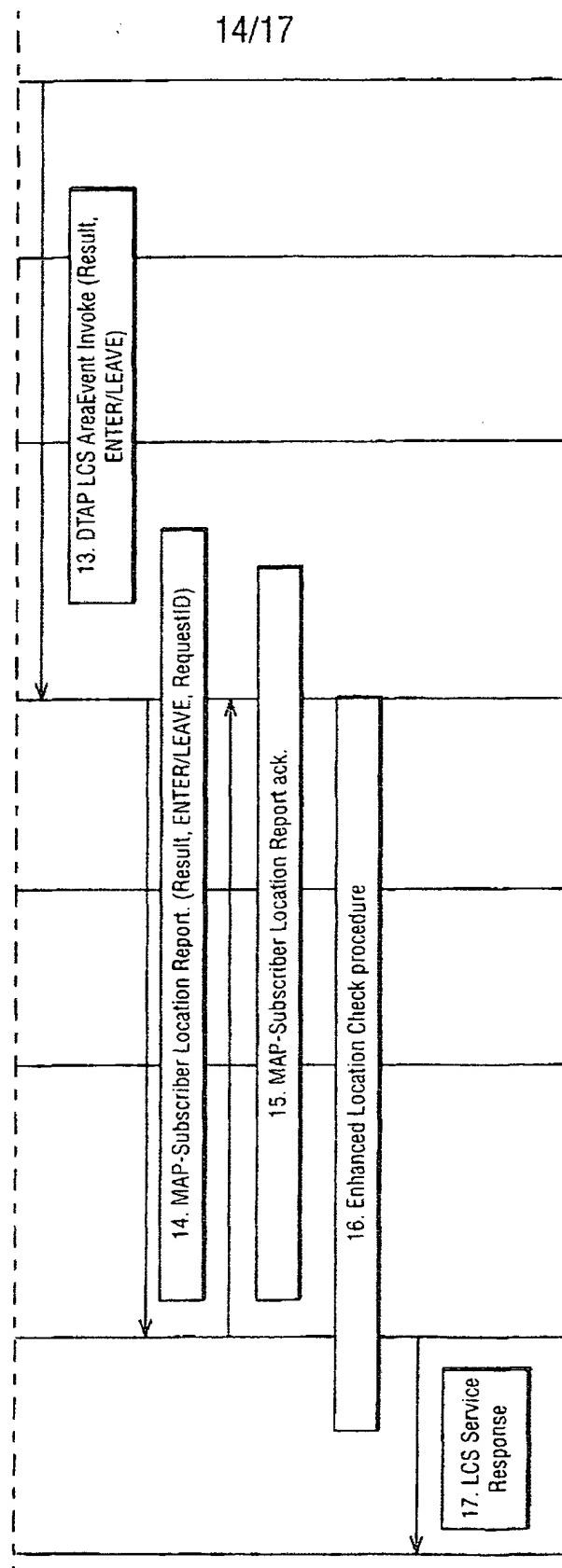
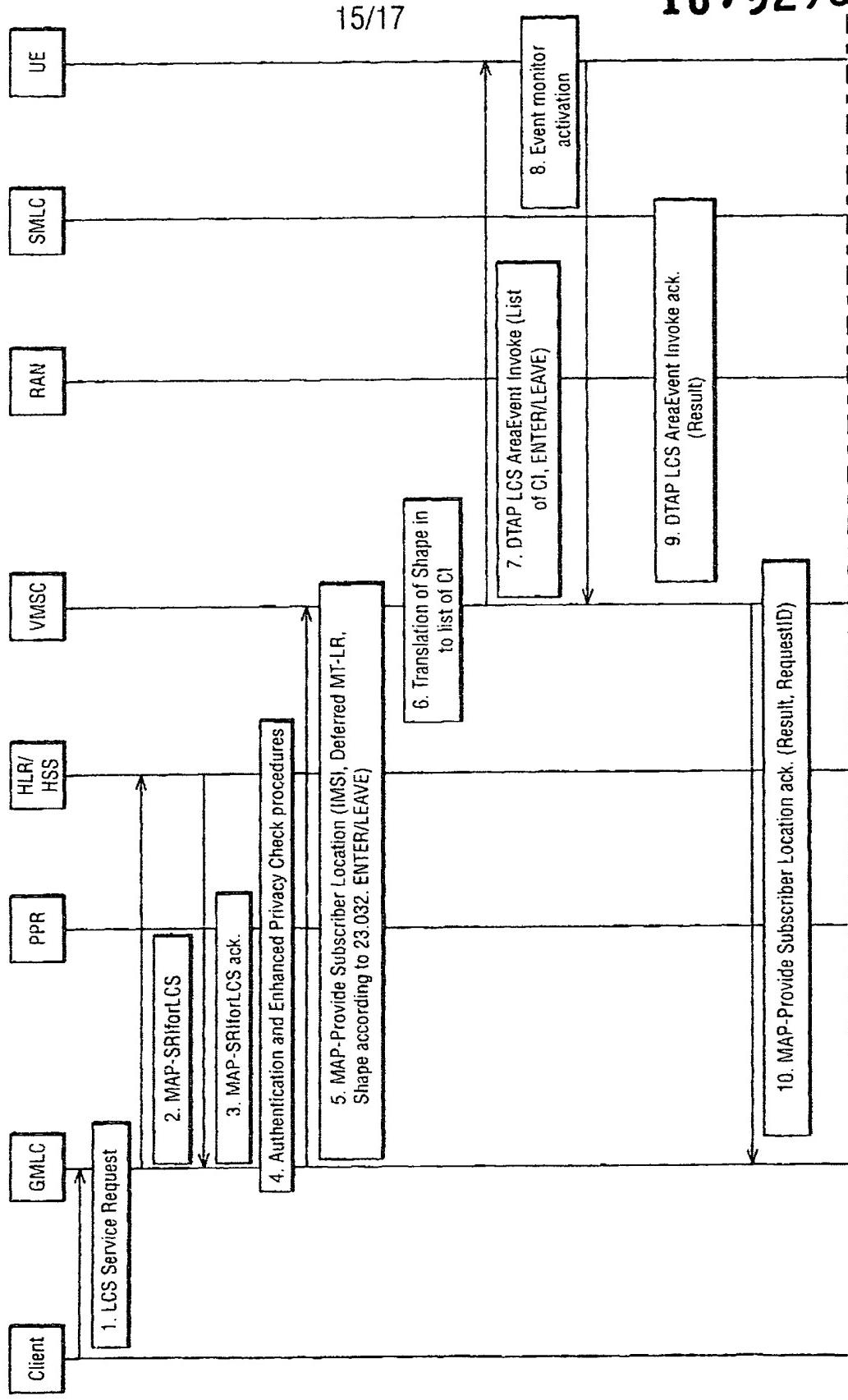


Fig. 13 (contd)

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Fig. 14



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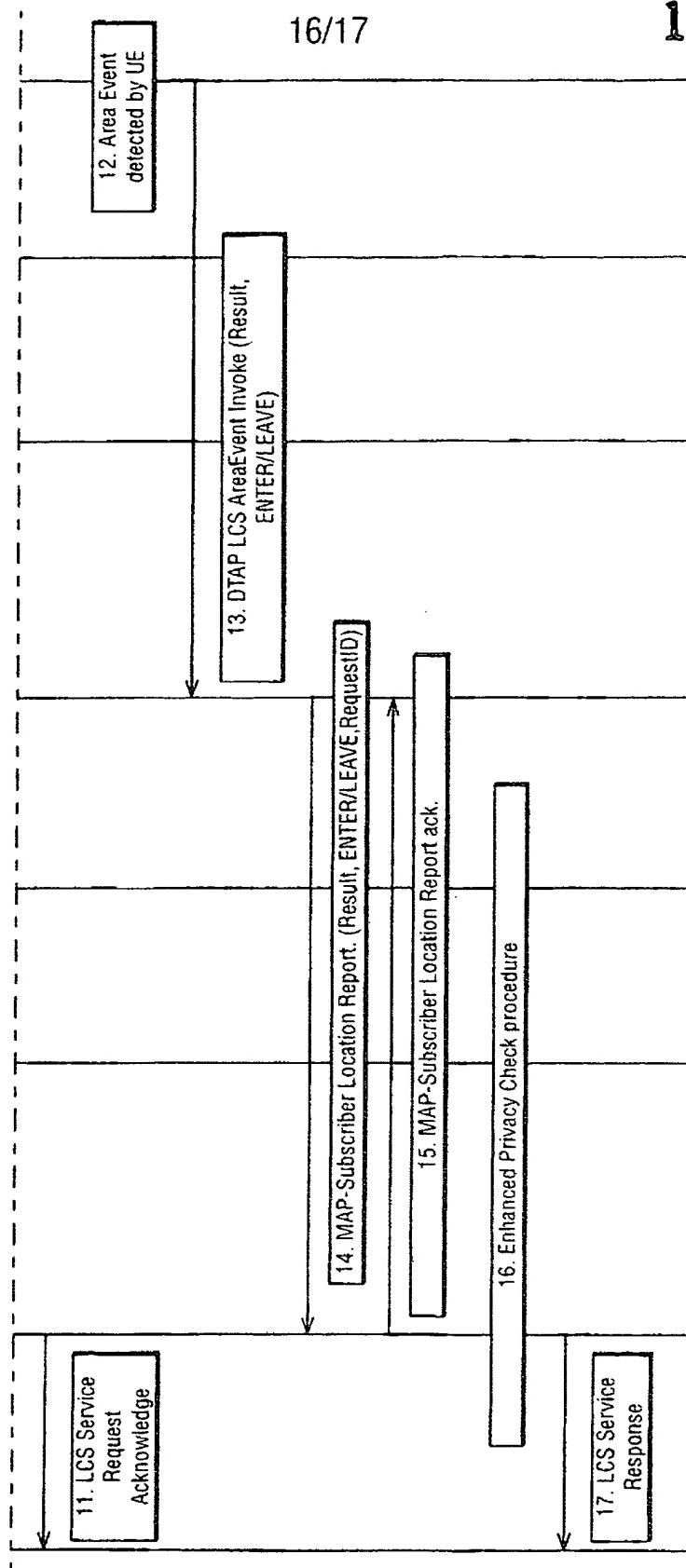
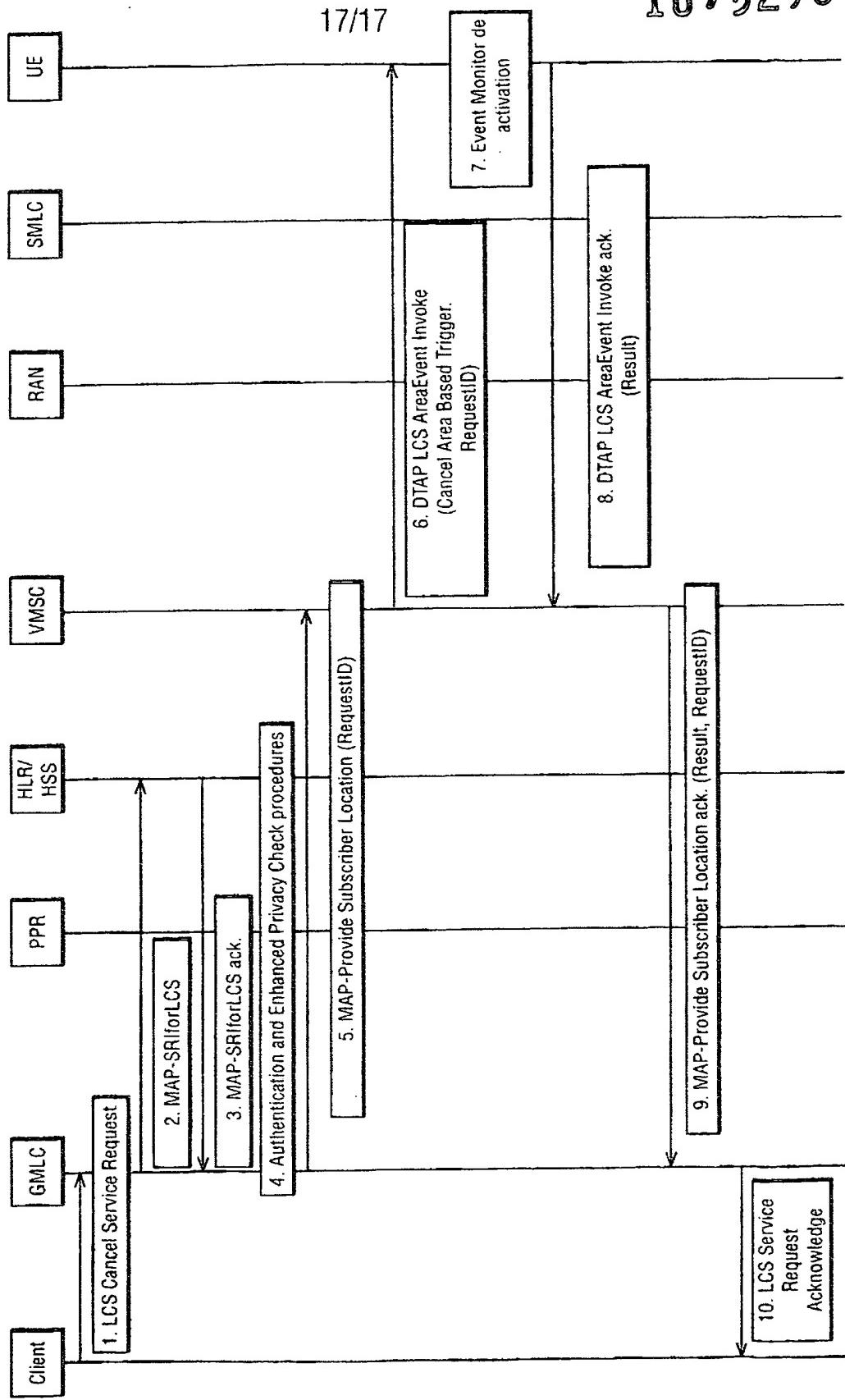


Fig. 14 (Contd)

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Fig. 15



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